

#1

Simplify

$$\frac{2m^3}{m^5}$$

$2m^2$

$2m^{-2}$

$2m^8$

$2m^{-8}$

Show your work

#2

Simplify

$$\frac{f^8}{6f^9}$$

$\frac{1}{6}f$

$\frac{1}{6}f^{-17}$

$\frac{1}{6}f^{-1}$

$\frac{1}{6}f^{17}$

Show your work

#3

Simplify

$$\frac{8i^2}{9i}$$

$\frac{8}{9}i^{-1}$

$\frac{8}{9}i^{-3}$

$\frac{8}{9}i$

$\frac{8}{9}i^3$

Show your work

#4

Simplify

$$\frac{7s^{10}}{6s^9}$$

$1\frac{1}{6}s^{-19}$

$1\frac{1}{6}s^{-1}$

$1\frac{1}{6}s$

$1\frac{1}{6}s^{19}$

Show your work

#5

Simplify

$$\frac{8w}{2w^9}$$

$4w^{-10}$

$4w^{-8}$

$4w^{10}$

$4w^8$

Show your work

#6

Simplify

$$\frac{7y^2}{10y^5}$$

$\frac{7}{10}y^3$

$\frac{7}{10}y^{-7}$

$\frac{7}{10}y^7$

$\frac{7}{10}y^{-3}$

Show your work

#7

Simplify

$$\frac{10g^8}{3g^{10}}$$

$3\frac{1}{3}g^2$

$3\frac{1}{3}g^{18}$

$3\frac{1}{3}g^{-2}$

$3\frac{1}{3}g^{-18}$

Show your work

#8

Simplify

$$\frac{3u^3}{5u}$$

$\frac{3}{5}u^4$

$\frac{3}{5}u^2$

$\frac{3}{5}u^{-2}$

$\frac{3}{5}u^{-4}$

Show your work

#9

Simplify

$$\frac{h^4}{6h^2}$$

$\frac{1}{6}h^{-6}$

$\frac{1}{6}h^{-2}$

$\frac{1}{6}h^2$

$\frac{1}{6}h^6$

Show your work

#10

Simplify

$$\frac{5b^8}{10b^2}$$

$\frac{1}{2}b^{-10}$

$\frac{1}{2}b^{10}$

$\frac{1}{2}b^6$

$\frac{1}{2}b^{-6}$

Show your work

#11

Simplify

$$\frac{9a^9}{3a^8}$$

$3a^{-1}$

$3a^{-17}$

$3a$

$3a^{17}$

Show your work

#12

Simplify

$$\frac{2i^9}{10i^2}$$

$\frac{1}{5}i^{11}$

$\frac{1}{5}i^{-11}$

$\frac{1}{5}i^{-7}$

$\frac{1}{5}i^7$

Show your work

Question	Answer
#1	choice 2
#2	choice 3
#3	choice 3
#4	choice 3
#5	choice 2
#6	choice 4
#7	choice 3
#8	choice 2
#9	choice 3
#10	choice 3
#11	choice 3
#12	choice 4